4K Network Video Recorder

Product Specifications

General

Video Transmission Technology	IP
Channels	16, 32 channel (32ch. includes 16ch. PoE Switch)

Inputs/Outputs

Video Input	16ch: 16 x PoE
Video Outputs	1 × VGA/1 x HDMI
Audio Input	1 × RCA
Audio Output	1 × RCA
Alarm In	4 channels
Alarm out	2 channels

Display

Display Output Resolution	up to 4K UHD, Auto Detect
Live Display	16ch: 1/4/8/9/16 32Ch: 1/4/8/9/16/25/32
Live Display Speed (Max)	Up to 4ch 4K@30fps
OSD	On/Off
System Navigation	USB Mouse, Front Panel Buttons

Recording

Recording Resolution	4K (8MP)/5MP/4MP/3MP/1080p/720p
Recording Frame Rate	up to 30fps
Recording scheduling	Schedule recordings through Continuous, Motion, Smart Motion (Person and Vehicle), Alarm, Day, Hour per channel
Back-up Media	USB, USB HDD
Video Compression	H.265 / H.264

Playback

Simultaneous Playback	4ch@4K 30fps
Playback Speed	Variable Max 16×
Search	By Time/Date, All Motion Events or Smart Search (Person and Vehicle), Area search

Storage

Hard Drive Bays	2 Bays
Hard Drive Capacity	2 SATA ports, up to 16 TB for a single HDD
Backup Media	USB Flash Drive, USB HDD
Storage Mirroring	Yes

Special Features

Smart Motion Detection	Support for Person and Vehicle Detection*

Connectivity

Mobile Viewing	Android, iOS
Compatible APP	Lorex Pro, Lorex Cloud™
Email Notification	Text and Snapshot
PC/Mac Remote Viewing	Yes /Lorex Pro / Lorex Cloud™
Network Interface	1000 Base-TX (Gigabit), RJ45
Network Bit Rate	320Mbps total
DDNS	Yes (Optional)
USB interface	USB 2.0 × 2

Additional Specifications

FW Upgrade	USB/Network
Watchdog Function	Yes
Power Consumption	Approx. 15W (no HDD included)
Supply Voltage	100VAC-240VAC, 50/60hz
Total PoE Power Output	16 PoE: Max 25.5W for single port, 220W total
Unit Dimensions (W × D × H)	14.7 × 12.9 × 2.1" / 375 × 327 × 53mm
Unit Weight	5.8lb / 2.6kg (without HDD)
Operating Temperature	14° ~ 131°F / -10° ~ 55°C
Humidity	10 ~ 90% RH

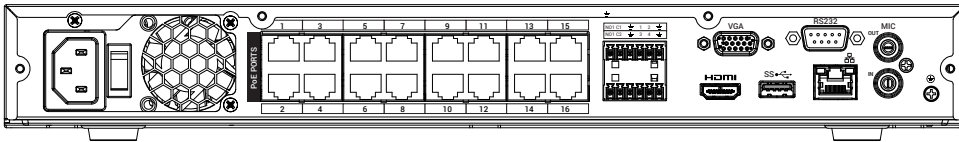# 4K Network Video Recorder

Model Information

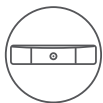|		
N884A38B	4K 32-channel NVR with 8TB HDD (Includes 16-channel PoE Switch)	6-95529-05503-9
N884A64B	4K 16-channel NVR with 4TB HDD	6-95529-05501-5

Dimensions

Package	Plain Box
Package Weight	11.6lb / 5.7kg
Package Dimensions (W × D × H)	21.5 × 16.3 × 6.7" / 546 × 414 × 170mm
Package Cube	1.33cbf / 0.038cbm

Back Panel

What's in the box

1 × Fusion 4K NVR   1 × Ethernet cable   1 × Power Adapter   1 × HDMI Cable   1 × USB Mouse   Quick Setup Guide

Disclaimers:
1. 4K (8MP) IP cameras are required to take advantage of 4K recording.
2. Recording time may vary based on recording resolution and quality, lighting conditions and movement in the scene.
3. Controlling certain features in your security system requires a compatible smart device. Availability and performance of certain features and services are smart device dependent and may not be available in all areas or networks. For compatibility, features, and instructions visit www.lorex.com/smarthome
4. For a list of compatible cameras please visit www.lorex.com/compatibility
5. Accessing your security system remotely requires a high-speed Internet connection. Ensure your NVR has a wired connection to a router (not included). A minimum upload speed of 6Mbps is recommended for reasonable video performance.
6. HDMI output supports 4K for high definition multi-channel live or recorded video viewing. Image quality and resolution is dependent on the type of camera connected to the NVR, as well as TV/monitor resolution.
* Detection types need to be supported by the camera.

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